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### Special Message:

Serial No: 10/803,620, Title: UNDERGROUND SYSTEM AND APPARATUS FOR  
STORING SPENT NUCLEAR FUEL  
Filed: March 18, 2004

Following please find: Transmittal Form; Fee Transmittal; Credit Card Authorization Form;  
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PHL-5207066.1/hol139-230325

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PTO/SF/21 (09-04)

Approved for use through 07/31/2006 OMB 0651-0031  
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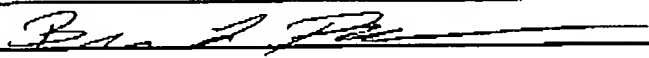
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/803,620	
	Filing Date	March 18, 2004	
	First Named Inventor	Krishna Singh	
	Art Unit	3641	
	Examiner Name	Ricardo J. Palabnca	
Total Number of Pages in This Submission	27	Attorney Docket Number	148379

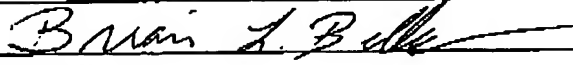
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ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Wolf, Block, Schorr and Solis-Cohen LLP		
Signature			
Printed name	Brian L. Belles		
Date	August 15, 2005	Reg. No.	51,322

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Brian L. Belles	Date	8/15/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2)

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL**  
**For FY 2005**☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 275.00**Complete if Known**

Application Number	10/803,620
Filing Date	March 18, 2004
First Named Inventor	Krishna Singh
Examiner Name	Ricardo J. Palabrica
Art Unit	3641
Attorney Docket No.	148379

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 232820 Deposit Account Name: Wolf Block

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
34	3	25	75.00

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
3	2	100	200.00

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(c)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge):

**SUBMITTED BY**

Signature		Registration No. 51,322 (Attorney/Agent)	Telephone 215-977-2127
Name (Print/Type)	Brian L. Belles		Date 8/15/05

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148379

PATENT

Serial No. 10/803,620

Response to Office Action of May 13, 2005

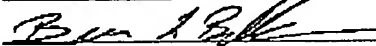
## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Krishna Singh

Serial No. : 10/803,620  
Filed : March 18, 2004  
Title: : UNDERGROUND SYSTEM AND APPARATUS FOR STORING  
SPENT NUCLEAR FUEL  
Art Unit : 3641  
Examiner : Ricardo J. Palabrica  
Attorney Docket: : 148379

I hereby certify that this correspondence is being  
transmitted to the United States Patent and  
Trademark Office by facsimile to 571-273-8300 on

8/15/05

  
Brian L. Belles, 51,322

AMENDMENT

In response to the Official Action of May 13, 2005, reconsideration is requested in view of the following amendments and remarks. Because the last day of the shortened statutory three month period, August 13, 2005, was a Saturday, this Response is timely filed within the shortened three month period under 37 C.F.R. § 1.7(a).

Amendments to the Claims start on page 2 of this Reply.

Remarks start on page 7 of this Reply.

08/16/2005 TL0111 00000007 10803620

01 FC:2201  
02 FC:2202200.00 OP  
75.00 OP